

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval Letter
 Date Completed, P. & A, or
 operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

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Converted to Salt Water injection well. Started injecting April, 1963

FILE NOTATIONS

Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>	Copy NID to Field Office	<input type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input type="checkbox"/>
I W R for State or Fee Land	<input type="checkbox"/>		

COMPLETION DATA:

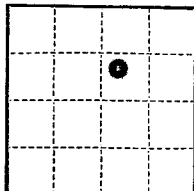
Date Well Completed	<u>1-26-59</u>	Location Inspected	<input type="checkbox"/>
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>		Bond released	<input type="checkbox"/>
GW <input type="checkbox"/> OS <input type="checkbox"/> PA <input type="checkbox"/>		State of Fee Land	<input type="checkbox"/>

LOGS FILED

Driller's Log 2-2-59
 Electric Logs (No.) 3

E ☐ I ☐ E-I ☐ GR ☐ GR-N ☒ Micro ☒
 Lat ☐ Mi-L ☐ Sonic ☐ Other ☐

Induction Electrical



(SUBMIT IN TRIPLICATE)

Indian Agency

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Contract No. I-149-Ind-9124

Allottee

Lease No.

Lease No. 146339

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "J" Lease

Fort Worth, Texas, September 10, 1958.

Well No. 9 is located 1980 ft. from ^[N]~~NE~~ line and 2040 ft. from ^[E]~~SE~~ line of sec. 20

SW/4NE/4, Sec. 20 40-S 26-E 8LM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Ismay

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

4966

The elevation of the derrick floor above sea level is 4966 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE FORMATION		SIZE CASING			CASING PROGRAM (Approx)	
					Set at	Cement
Top of Ismay	5500'	8-5/8" (1500')	24.0#	New	1500'	1000 ex.
		5-1/2" (5500')	14.0#	New		
		5-1/2" (200')	15.5#	New	5700'	500 ex.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

P.O. Box 1720

Address Fort Worth 1, Texas

THE TEXAS COMPANY

By J.J. Velten

Title Division Civil Engr.

ann

The Texas Co. Lse. "H"

RANGE 20 EAST

Sec. 7

Sec. 8

Sec. 9

Sec. 10

Shell Lse.

So. Union Gas

Sec. 18

Sec. 17

Sec. 16

Sec. 15

The Texas Co. Lse. "K"

Carter Lse.

State - Woolley

TOWNSHIP
40
SOUTH

Sec. 19

The Texas Co. Lse. "K"

Sec. 20

Sec. 21

Navajo Tribe "J"

Sec. 22

The Texas Co. Lse.
Total 2881.68 Ac.

Sec. 30

Sec. 29

Sec. 28

Pure et al Lse.

Sec. 27

⊙ - U.S. GLO Marker

SAN JUAN COUNTY, UTAH

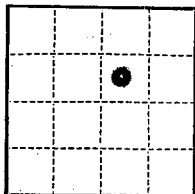
Scale 1" = 2000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Wilton

Division Civil Engineer.
The Texas Company

Registered Professional Engineer - State of Texas



(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Contract No. **I-149-Ind-9184**

Allottee _____

Lease No. _____

Lease No. **146339**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "J" Lease **Fort Worth, Texas, September 10, 1958.**

Well No. **9** is located **1960** ft. from **N** line and **2040** ft. from **E** line of sec. **20**

3N/4NE/4, Sec. 20
(1/4 Sec. and Sec. No.)

40-S
(Twp.)

26-E
(Range)

SLM
(Meridian)

Isma

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is **4966** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

<u>OBJECTIVE FORMATION</u>		<u>SIZE CASINO</u>			<u>CASINO PROGRAM (Approx)</u>		
					Set at	Cement	
Top of Isma,	5500'	8-5/8"	{ 1500' }	24.0#	New	1500'	1000 ex.
		5-1/2"	{ 5500' }	14.0#	New		
		5-1/2"	{ 200' }	15.0#	New	5700'	500 ex.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE TEXAS COMPANY**
P.O. Box 1720
Address **Fort Worth 1, Texas**

THE TEXAS COMPANY

By **J.J. Velter**
J.J. Velter

Title **Division Civil Engr.**

The Texas Co. Lse. "H"

Sec. 7

Sec. 8

RANGE 22 EAST

Sec. 9

Sec. 10

Shell Lse.

So. Union Gas

Sec. 18

Sec. 17

Sec. 16

Sec. 15

TOWNSHIP
40
SOUTH

The Texas Co. Lse. "K"

Carter Lse.

State - Wooley

UTAH STATE LINE
COLORADO STATE LINE

Sec. 19

The Texas Co. Lse. "K"

Sec. 20

Sec. 21

Navajo Tribe "J"

Sec. 22

The Texas Co. Lse.
Total: 2881.68 Ac.

Sec. 30

Sec. 29

Sec. 28

Pure et al Lse.

Sec. 27

© - U.S. GLO Marker

SAN JUAN COUNTY, UTAH

Scale 1" = 2000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Veltman

Division Civil Engineer

The Texas Company

Registered Professional Engineer

- State of Texas

September 11, 1958

**The Texas Company
P. O. Box 1720
Fort Worth 1, Texas**

Attention: J. J. Valtan, Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe J-9, which is to be located 1980 feet from the north line and 2040 feet from the east line of Section 20, Township 40 South, Range 26 East, SEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

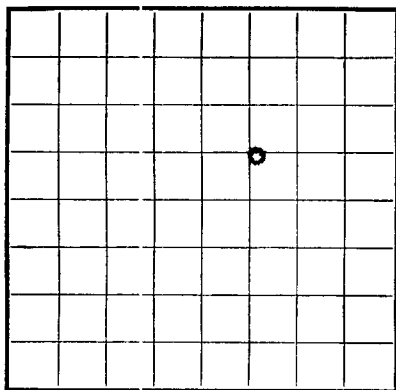
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

**CLEON B. FREIGHT
SECRETARY**

CBF:ee

**cc: Phil McGrath
USGS, Farmington,
New Mexico**

U. S. LAND OFFICE Navajo
SERIAL NUMBER I-149-IND-9124
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 817, Farmington, N. M.
Lessor or Tract Navajo Tribe "J" Field Isamay State Utah
Well No. 9 Sec. 20 T40-SR25-E Meridian SLM County San Juan
Location 1980 ft. N of N Line and 2040 ft. E of E Line of Section 20 Elevation 4956'
(Derriek floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date February 2, 1959Title Dist. Sup't.

The summary on this page is for the condition of the well at above date.

Commenced drilling September 18, 1958 Finished drilling October 10, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5619' to 5636' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	8R	Smis	90	None	None			
8-5/8	24	8R	Smis	1491	Baker	None			
5-1/2	14	8R	Smis	5500		None			
5-1/2	15.5	8R	Smis	155	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	102	125	Halliburton		
8-5/8	1504	1300	Halliburton		
5-1/2	5676	200 sacks reg. & 500 gallons Later.	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length -- Depth set --Adapters—Material None Size --

SHOOTING RECORD

FOLD MARK

13-3/8	102	125	Halliburton
8-5/8	1504	1300	Halliburton
5-1/2	5676	200 sacks reg. &	Halliburton
		500 gallons later.	

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **--** Depth set **--**Adapters—Material **None** Size **--**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from **0** feet to **5677** feet, and from **--** feet to **--** feetCable tools were used from **None** feet to **--** feet, and from **--** feet to **--** feet

DATES

--, 19**--** Put to producing **--**, 19**--**

The production for the first 24 hours was **83** barrels of fluid of which **Tested Jan. 26** **59**% was oil; **91**%
 emulsion; **9**% water; and **--**% sediment. Gravity, °Bé. **40.1**

If gas well, cu. ft. per 24 hours **--** Gallons gasoline per 1,000 cu. ft. of gas **--**Rock pressure, lbs. per sq. in. **--** Pump Test (See details on back) **--**

EMPLOYEES

G. H. Reid, Driller **T. E. McKinney**, Driller**W. McArthur**, Driller **--**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	102	102	Sand
102	1258	1156	Sand & Shale
1258	1578	320	Shale
1578	2365	787	Sand & Shale
2365	2610	245	Sand & Red Bed
2610	2782	172	Sand & Shale
2782	4040	1258	Shale
4040	4140	100	Shale & Lime
4140	4651	511	Shale
4651	4707	56	Lime
4707	4930	223	Lime & Shale
4930	4990	60	Shale
4990	5223	233	Lime & Shale
5223	5425	202	Lime
5425	5677	252	Lime & Shale
Total Depth 5677'			
Plugged Back Depth		5661'	

[OVER]

16-43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION TOPS			
			Navajo - - - - - 926'
			Kayenta - - - - - 1215'
			Wingate - - - - - 1253'
			Chinle - - - - - 1458'
			Shinarump - - - - - 2570'
			Hoskinnini - - - - - 2610'
			Organ Rock - - - - - 2663'
			Hermosa - - - - - 4576'
Formation tops as per EL.			
HOLE SIZE			
0 to 102' - 17-1/4"			
102' to 1504' - 11"			
1504' to 5677' - 7-7/8"			
DEVIATION TESTS			
975' - 1° 3775' - 3/4°			
2000' - 1/2° 4230' - 1/2°			
2650' - 1/2° 4800' - 1/2°			
3280' - 1° 5200' - 3/4°			
DST #1, 5525' to 5600'. Tool open 3 hours with fair blow of air. Gas to surface in 2 hours and 25 minutes, volume too small to measure. Recovered 180' of slightly oil and gas cut drilling mud with no show of water.			
DST #2, 5605' to 5677'. Tool open 3 hours with strong blow of air. Gas to surface in 10 minutes, volume too small to measure. Recovered 160' of gas cut drilling mud, 320' of heavy oil and gas cut drilling mud and 90' of free oil with no show of water.			
All measurements from derrick floor, 12' above ground.			

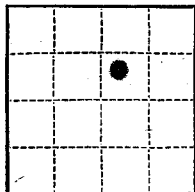
(SUBMIT IN TRIPLICATE)

Indian Agency **Nevado**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. **2-142-ED-0134**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	XX
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Nevado Tribe "J"

November 3, 19**58**

Well No. **9** is located **1980** ft. from **N** line and **2040** ft. from **E** line of sec. **20**
NE 1/4 of Section 20 **40-S** **26-E** **S1M**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ismy **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4966** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 5:00 P.M., September 18, 1958.

Drilled 17-1/4" hole to 102' and cemented 90' of 13-3/8" OD casing at 102' with 125 sacks of cement. Cement circulated.

Drilled 11" hole to 1504' and cemented 1491' of 8-5/8" OD casing at 1504' with 1300 sacks of cement. Cement circulated. Tested casing with 800/ pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE TEXAS COMPANY**

Address **Box 617**

Farmington, New Mexico

By **C. H. McCoil**

Title **Asst. Dist. Supt.**

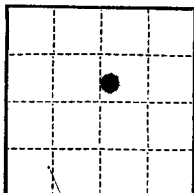
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 1-14-11-0124



SUNDRY NOTICES AND REPORTS ON WELLS

71-K
12-1-58

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	XXX
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "J"

November 24, 1958

Well No. 9 is located 1980 ft. from N line and 3040 ft. from E line of sec. 20

NE 1/4 of Section 20

40-S 26-E

SLM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Isany

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4966 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5677'. Plugged back depth 5661'.

Perforated 5-1/2" Casing from 5619' to 5622', 5630' to 5636' with 4 jet shots per foot. Ran 2" tubing to 5639' with packer set at 5353' and acidized perforations with 500 gallons regular 15% acid. Swabbed dry and reacidized perforations with 1000 gallons regular 15% acid. After swabbing 24 hours, well kicked off and flowed 1-1/2 barrels of oil. Reacidized with 2000 gallons retarded acid.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

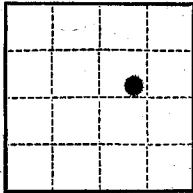
Address BOX 817

FARMINGTON, NEW MEXICO

By

Title

Dist. Mgr.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee _____

Lease No. 2-140-222-0134

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "JW"

November 25, 1958

Well No. 9 is located 1900 ft. from [N] line and 2040 ft. from [E] line of sec. 20

NE 1/4 of Section 20

(1/4 Sec. and Sec. No.)

40-S

(Twp.)

25-E

(Range)

SLM

(Meridian)

Ignay

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4966 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Drilled 7-7/8" hole to 5677' and cemented 5665' of 5-1/2" OD casing at 5676' with 200 sacks regular and 300 gallons Latex cement. Top of cement 4630'. Tested casing with 1000# pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE TEXAS COMPANY

Address BOX 817

FARMINGTON, NEW MEXICO

By [Signature]

Title Dist. Supt.

W/

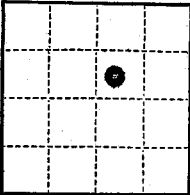
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-9124



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 17, 1960
Navajo Tribe "J"
Well No. 9 is located 1980 ft. from N line and 2040 ft. from E line of sec. 20
NE 1/4 of Sec. 20 40-S 26-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Isamay San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4966 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Moved in swab unit, pulled rods and tubing, and commenced workover 2-28-60. Perforated 5-1/2" casing from 5568' to 5582' and 5594' to 5600' with 4 jet shots per foot. Set bridge plug at 5610' and packer at 5483' and acidized new perforations with 3000 gallons of regular 15% acid. Pushed bridge plug to bottom of hole. Reran tubing and rods and commenced pumping well. After pumping well several days to stabilize pump rate, well pumped 9 barrels of oil and 56 barrels of salt water in 24 hours. Length of pump stroke 56" with 10 strokes per minute.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address P. O. Box 817

Farmington, New Mexico

By C. H. McCool

Title Asst. Dist. Sup't.

	0	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency Navajo

Allottee _____

Lease No. I-149-IND-9124

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING <u>X</u>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR <u>X</u>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY <u>X</u>
NOTICE OF INTENTION TO ABANDON WELL _____	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 1963

Navajo Tribe "J" ^{OK}
Well No. 9 is located 1980 ft. from N line and 2040 ft. from E line of sec. 20

NE 1/4 of Sec. 20 42-S 26-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Isamay San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4966 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Commenced workover 12-26-62.

Reason for workover was to convert well to a salt water disposal well.

Pulled retrievable bridge plug from 5656'. Perforated 5-1/2" casing from 5640' to 5644' and 5650' to 5660' with 2 Jets per foot. Ran tubing with retrievable bridge plug and packer. Set packer at 5608' and left bridge plug swinging free. Treated perforations 5619' to 5622', 5630' to 5636', 5640' to 5644' and 5650' to 5660' with 4000 gallons of emulsified retarded acid with low fluid loss additive added. Treating pressure 3800 PSI to a

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. ^(over)

Company TEXACO Inc.

Address Box 810

Farmington, New Mexico

By H. A. Hall HALL

Title District Accountant

vacuum with an average injection rate of 5 barrels per minute. 5 Min. shut in pressure 2500 PSI. Set bridge plug at 5610' and packer at 5550'. Treated perforations 5568' to 5600' with 3000 gallons of emulsified retarded acid with low fluid loss additive added. Treating pressure 3700 to 0 PSI with an average injection rate of 4.5 barrels per minute. 5 Minute shut in pressure 2600 PSI. After completing treatment, pulled tubing with packer and bridge plug. Ran 2-3/8" plastic lined tubing with injection packer and set packer at 5491'. Loaded casing annulus with inhibited water and tested packer with 1000 PSI. Packer tested O.K. Completed workover and shut well in 12-28-62. This well is now shut in waiting on completion of salt water disposal system. ✓

MAR 18 1963

Navajo "J" #9
 Sec 20, T40S-R26E

measured

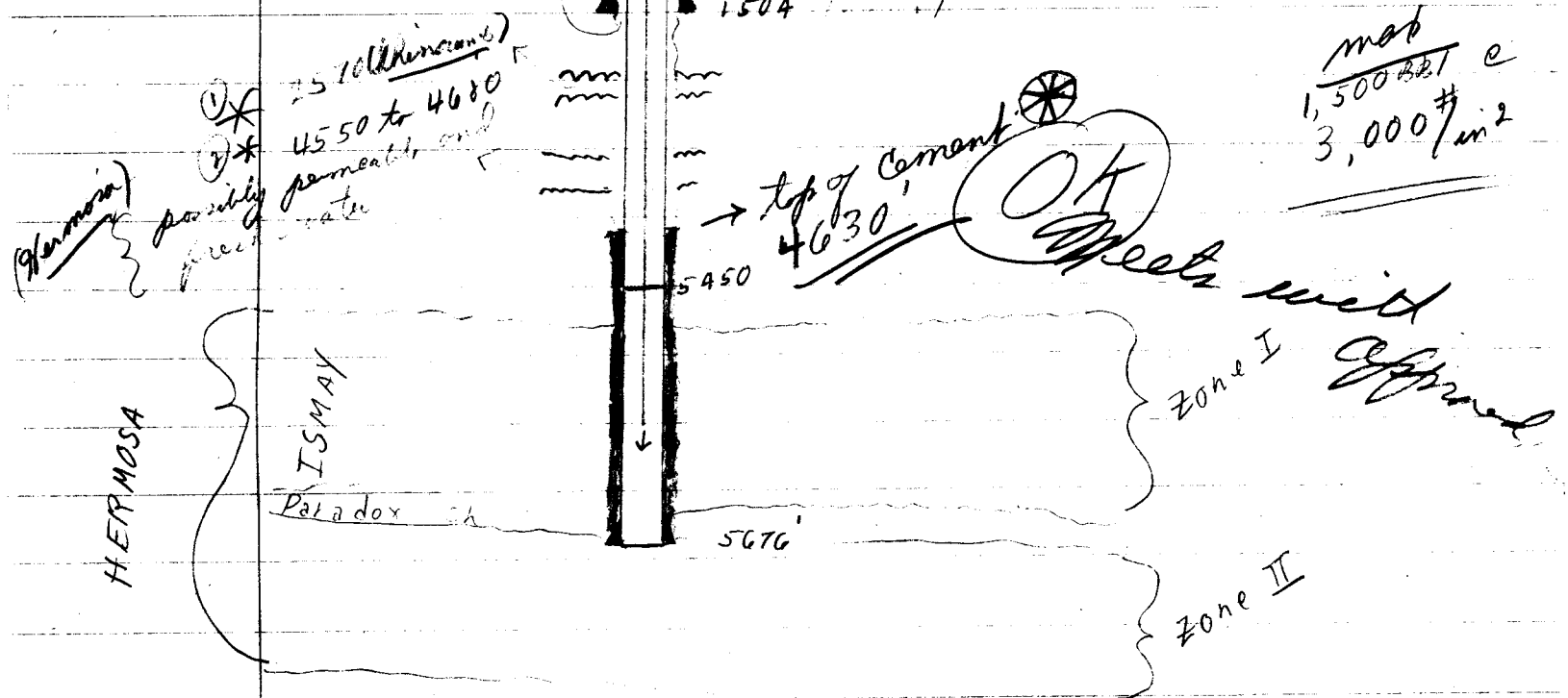
Write to
 J. L. Linn

~82" annular

March, 1961 → pumping
 4 Bbl of oil

T.A. April, 1961

max
 1,500 Bbl c
 3,000 #/in²



No Permeability on Induction
 Electric Log

* De Chelly ss
 member of Cutler?

~ 2750'
 ↓
 Permian
 horizon J. 15

- * Navajo -- 926
- Haystack -- 1215
- * Wingate -- 1253
- Chinle -- 1458
- * Shinarump -- 2570
- Hoskins -- 2610
- Organ Rock -- 2663'
- Hermosa -- 4576

Possible:
 Permeable
 & Good Water
 bearing

jump Cor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE Navajo Tribe "J"
LEASE NO. I-149-IND-9124

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Ismay

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1963,

Agent's address P.O. Box 810 Company TEXACO Inc.
Farmington, New Mexico Signed [Signature]

Phone 325-7553 Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW 20	40S	26E	1	30	6,013	44	4,783		384	Pumping
NE SE 17	"	"	2	31	741	44	3,224		34	Pumping
NE SE 20	"	"	3	31	498	44	338		560	Pumping
NE NW 21	"	"	4	31	616	44	2,036		376	Pumping
NE NE 17	"	"	5	31	662	44	216		None	Pumping
SW SE 17	"	"	6	31	3,171	44	5,320		133	Pumping
NE SE 21	"	"	7	31	3,456	44	8,066		1,425	Pumping
NE NW 20	"	"	8	30	296	44	246		None	Pumping
SW NE 20	"	"	9							Shut-in salt water injection.
NE SW 17	"	"	10		Injected 13,460 bbls. of propane.					Propane injection.
SW NW 21	"	"	11	31	6,088	44	7,492		287	Pumping
SW NE 17	"	"	12	31	757	44	2,118		1,041	Pumping
SW NW 17	"	"	13	30	1,077	44	1,427		756	Pumping
SW NE 21	"	"	14	30	998	44	3,137		100	Pumping
SW SE 22	"	"	15	31	1,393	44	3,033		199	Pumping
SW SW 17	"	"	16	31	2,834	44	5,635		59	Pumping
(cont'd)										

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE Navajo Tribe "J"
LEASE NO. 1-149-100-9124

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Isamay

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1963,

Agent's address P.O. Box 810 Company TEXACO Inc.
Farmington, New Mexico Signed CP. Gunn

Phone 325-7553 Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE ^{NE} NW 20	✓	40S	26E	1	30	6,297	44	5,792		510 Pumping
NE SE 17	✓	"	"	2	26	592	44	1,648		30 Pumping
NE SE 20	✓	"	"	3	24	463	44	609		602 Pumping
NE NW 21	✓	"	"	4	30	658	44	1,353		684 Pumping
NE NE 17	✓	"	"	5	15	589	44	968		124 Pumping
SW SE 17	✓	"	"	6	29	2,929	44	4,216		226 Pumping
NE ^{NE} SE 21	✓	"	"	7	29	3,166	44	4,856		1,209 Pumping
NE NW 20	✓	"	"	8	18	290	44	93		50 Pumping
SW NE 20	✓	"	"	9						Shut-in salt water injection.
NE SW 17	✓	"	"	10	Injected 13,460 bbls. of propane.					Propane injection.
SW NW 21	✓	"	"	11	30	5,902	44	4,443		419 Pumping
SW NE 17	✓	"	"	12	28	735	44	1,278		612 Pumping
SW NW 17	✓	"	"	13	30	1,191	44	3,370		992 Pumping
SW NE 21	✓	"	"	14	30	906	44	3,529		302 Pumping
SW SE 22	✓	"	"	15	30	1,393	44	1,886		233 Pumping
SW SW 17	✓	"	"	16	30	3,317	44	8,076		408 Pumping

(Cont'd)

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYALLOTTEE _____
TRIBE Navajo Tribe "J"
LEASE NO. I-149-IND-9124

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field IsmayThe following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1965,Agent's address P.O. Box 810 Company TEXACO Inc.
Farmington, New Mexico 87401 Signed C. P. HarmerPhone 325-7553 Agent's title District Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW 20	40S	26E	1	30	3,303	42	3,737		497	Pumping
NE SE 17	"	"	2	31	635	42	3,966		67	Pumping
NE SE 20	"	"	3	31	314	42	293		288	Pumping
NE NW 21	"	"	4	31	812	42	674		872	Pumping
NE NW 17	"	"	5	21	471	42	1,014		134	Pumping
SW SE 17	"	"	6	31	2,366	42	3,494		450	Pumping
NE SE 21	"	"	7	31	2,373	42	3,208		1,201	Pumping
NE NW 20	"	"	8	29	225	42	1,033		84	Pumping
SW NE 20	"	"	9	-	-	-	-		-	Shut-in, Salt Water Injection
NE SW 17	"	"	10	31	Injected	10,537 bbls.		salt water		Salt Water Injection
SW NW 21	"	"	11	31	4,232	42	3,669		400	Pumping
SW NE 17	"	"	12	31	692	42	1,159		692	Pumping
SW NW 17	"	"	13	28	800	42	929		862	Pumping
SW NE 21	"	"	14	31	860	42	2,471		156	Pumping
SW SE 22	"	"	15	26	1,011	42	1,782		157	Pumping
SW SW 17	"	"	16	31	1,993	42	4,101		280	Pumping

(Continued on page 2)

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI JATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-9124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Isney Flodine Park

8. FARM OR LEASE NAME

9. WELL NO.

U-220

10. FIELD AND POOL, OR WILDCAT

Isney

11. SEC., T., R., E., OR BLK. AND
SURVEY OR AREA

20, 40S-26E-31N

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐ **WT**

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

Box 810, Farmington, N. M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980 ft f/ No. & 2040 ft f/ E. lines

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4966 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) **Convert to Water Injection X**

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well has been a salt water disposal well, temporarily abandoned since 1961 and it will now be converted to water injection service for the expansion of the waterflood into Area "B".

Run 2 3/8" EUE plastic lined tubing w/ Baker Model "N" retainer production packer - Displace annulus w/ inhibited water and set @ 5500 ft. & pressure test. Acidize all perfs. 5568-5660 w/ 10,500 gal. 28%, in three stages, w/ 21,000 gal. flush & 1500# diverting agent. Place well on injection.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE **1-5-70**
BY **Paul H. Burchell**

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

District Supt.

DATE

12-24-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)OGCC(2)HNB-WLM(2)-OLE-Navajo Tribe

SLC

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TWO COPIES
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-B1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection	5. LEASE DESIGNATION AND SERIAL NO. I-149-HB-9124
2. NAME OF OPERATOR TEKACO Inc. Proding Dept. - West	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 810, Farmington, New Mexico 87401	7. UNIT AGREEMENT NAME Isany Plodine Park
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980 ft f/No. & 2040 ft. f/E. Lines	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. U-290
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4966 DF	10. FIELD AND POOL, OR WELL CAT Isany
	11. SEC., T., R. E., OR S.E.K. AND SUBSECTION AREA 20, 400-200-000
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT ON:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☒ **Converting to Water Inj.**REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and spaces pertinent to this work.)*

Ran 2-3/8" plastic coated tubing (inside) w/ Baker Model "E" packer set @ 5491. Tested pkr w/ 1000 psi. Acid perfs. 5568-5660 in 3 stages w/ 10,500 gal. 28% HCL, flush w/ 22,000 gal. water, 1500# gelled water for plugging agent. Max press. 4200# Avg. 3800#, avg. rate 3.4 BPM ISIP 3100 psi, 15 min SI 2200 psi. Work completed 3/21/70. 24 hr. Inj. test 397 BW @ 3000 psi. Well SI prior to conversion. Successful RTWO.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE **Dist. Superintendent**

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3)OCC(2)Navajo Tribe-HHB-OLE-WLM(2)

SLE

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Texaco Inc.

ADDRESS P. O. Box EE
Cortez, Colorado ZIP 81321
INDIVIDUAL PARTNERSHIP CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE IFPU - U220 WELL
SEC. 20 TWP. 40S RANGE 26E
San Juan COUNTY, UTAH

CAUSE NO.

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Ismay-Flodine Park</u>	Well No. <u>U220</u>	Field <u>Ismay</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW 1/4 NE 1/4</u> Sec. <u>20</u> Twp. <u>40S</u> Rge. <u>26E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>DEC. 1989</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil & Gas</u>
Location of IFPU Producing Wells Injection Source(s) <u>3 Source wells</u>		Geologic Name(s) <u>Ismay +/- 5600</u> and Depth of Source(s) <u>Salt Wash, Entrada & Navajo</u> <u>490-1215</u>	
Geologic Name of Paradox-Ismay Injection Zone		Depth of Injection Interval <u>5568 to 5660</u>	
a. Top of the Perforated Interval: <u>5568</u>	b. Base of Fresh Water: <u>1000'</u>	c. Intervening Thickness (a minus b) <u>4568'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>(YES)</u> NO			
Lithology of Intervening Zones <u>Sandstone, Limestone, Anhydrite w/intermittent shale layers</u>			
Injection Rates and Pressures Maximum <u>500 B/D</u> <u>2300 PSI</u>			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>The Navajo Tribe</u> <u>Box 146</u> <u>Window Rock, Arizona 86515</u>			

State of Colorado

County of Montezuma

Alvin R. Marx Field Supt.
Applicant

Before me, the undersigned authority, on this day personally appeared Alvin R. Marx
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 16th day of Dec., 19 83

SEAL

My commission expires 10/25/87

Notary Public in and for Colorado

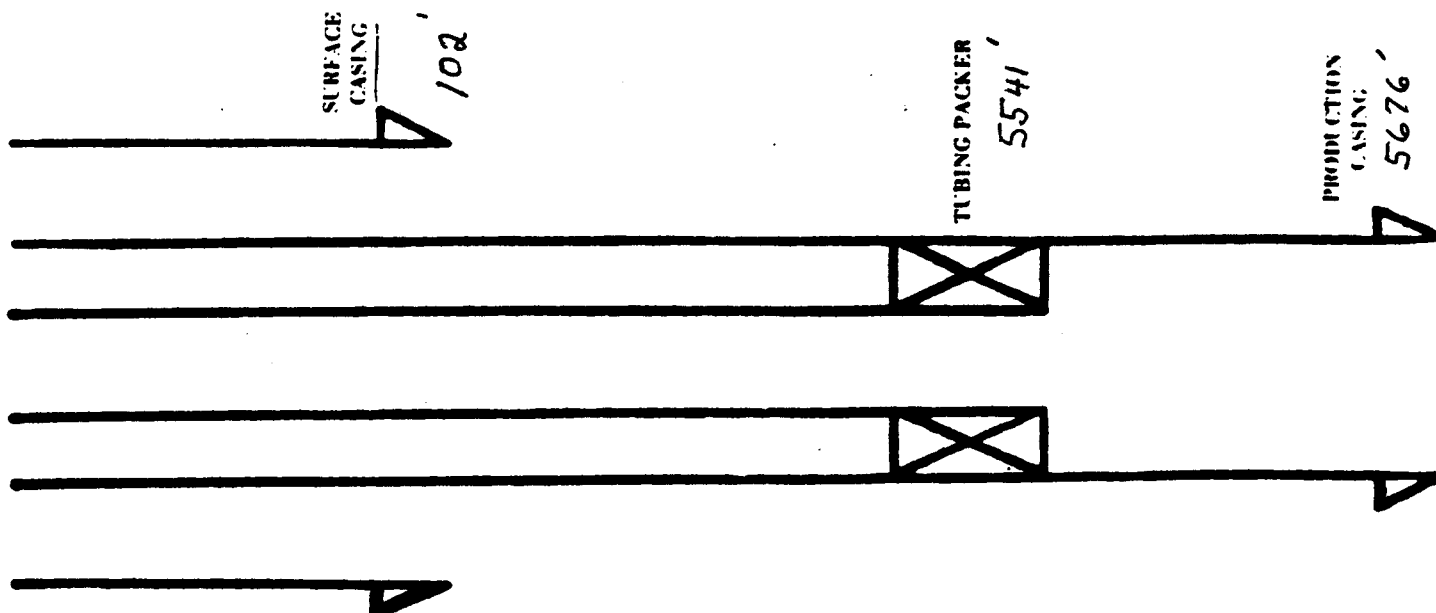
728 N. Beech, Cortez, Co. 81321
(OVER)

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	102'	125	circulated	
Intermediate	8 5/8"	1504'	1300	circulated	
Production	5 1/2"	5676	200	4630	
Tubing	2 3/8"	5541	5 1/2" Model R PC Retrievable		5541
Total Depth		Geologic Name - Inj. Zone		Depth - Top of Inj. Interval	
5677		IS MAY		5568	
				Depth - Base of Inj. Interval	
				5660	

SKETCH - SUBSURFACE FACILITY



PLEASE TYPE OR USE BLACK INK ONLY

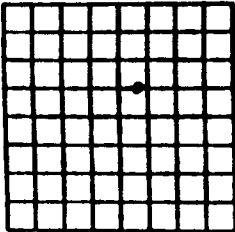
COMPLETION & TEST DATA BY PRODUCING FORMATION

(To be filed within 30 days after drilling is completed) I-149-1NO-9124

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

API NO
040 Acres



Locate Well Correctly
and Outline Lease

DIVISION OF OIL, GAS, AND MINING

Room 4241 State Office Building

Salt Lake City, Utah 84114

COUNTY San Juan SEC. 20 TWP. 40S RGE. 26E

COMPANY OPERATING Texaco Inc.

OFFICE ADDRESS P. O. Box EE

TOWN Cortez STATE ZIP Colo 81321

FARM NAME Ismay-Flodine WELL NO. U 220

DRILLING STARTED 7-12-58 DRILLING FINISHED Dec 19 59

DATE OF FIRST PRODUCTION _____ COMPLETED 12-9-59

WELL LOCATED SW NE

1980 FT. FROM NE OF SEC. 20 & 2040 FT. FROM NE OF SEC. 20

ELEVATION DERRICK FLOOR 4966 GROUND 4954

TYPE COMPLETION

Single Zone IS MAY Order No. _____

Multiple Zone _____ Order No. _____

Commingled _____ Order No. _____

LOCATION EXCEPTION _____ Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>IS MAY</u>	<u>5615</u>	<u>5684</u>			

CASING & CEMENT

Casing Set				Cap. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Set	Fillup	Top
<u>13 7/8"</u>	<u>48</u>		<u>102</u>		<u>125</u>		<u>Circulated</u>
<u>8 5/8"</u>	<u>24</u>		<u>1504</u>		<u>1300</u>		<u>Circulated</u>
<u>5 1/2"</u>	<u>14-15.5</u>		<u>5676</u>		<u>200</u>		<u>4630</u>

TOTAL DEPTH 5677

PACKERS SET
DEPTH 5591

FORMATION	<u>Ismay</u>	<u>IS MAY</u>	
SPACING & SPACING ORDER NO.	<u>80 acre</u>		
CLASSIFICATION (Oil; Gas; Dry; Int. Well)	<u>OIL</u>	<u>3-21-70</u>	
PERFORATED	<u>5619-22, 5630-36</u> <u>5568-82, 5582-94</u>	<u>SAME PERFS</u>	
INTERVALS	<u>5594-5600</u>		
ACIDIZED?	<u>3000 gal 15% HCl</u>	<u>10,500 gal 28% HCl</u>	
FRACTURE TREATED?			

INITIAL TEST DATA

Date	<u>3-21-70</u>	
Oil, bbl./day	<u>9/30 PD</u>	
Oil Gravity		
Gas, Cu. Ft./day		
Gas-Oil Ratio Cu. Ft./Bbl.		
Water-Bbl./day	<u>56/BWPD</u>	<u>397/BWPD/3000 PSI</u>
Pumping or Flowing	<u>Pumping</u>	
CHOKE SIZE		
FLOW TUBING PRESSURE		

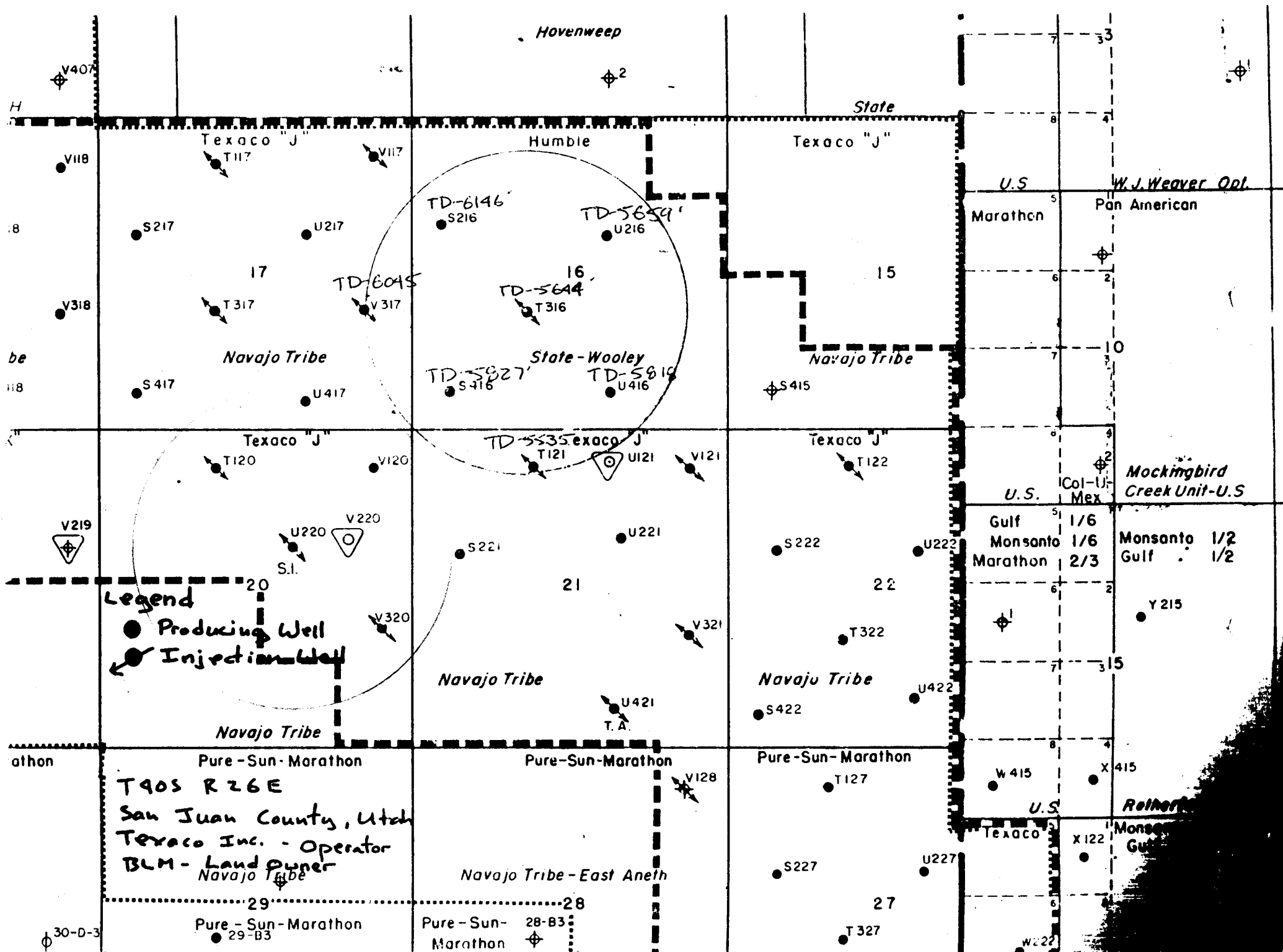
A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(see reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 1-303-565-8401 Chris R. Mary Field Supt
State of Colorado Name and title of representative of company

County of Montezuma 16th day of December 1983

My commission expires 10/25/87
728 N. Beech,
Cortez, Co. 81321



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Epaco Well No. Ismay Floodline Park U220
 County: San Juan T 405 R 26E Sec. 20 API# 43-037-16.465
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Ismay</u>	
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>81385</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>81385</u>
Known USDW in area	<u>None</u> Depth <u>1000</u>	
Number of wells in area of review	<u>5</u> Prod. <u>3</u> P&A <u>0</u>	
	Water <u>0</u> Inj. <u>2</u>	
Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date	Type	

Comments: TOC 4630

Reviewed by: 



TEXACO

U-26 405 26E Sec 20

RECEIVED
JUL 06 1987

DIVISION OF
OIL, GAS & MINING

TEXACO INC.
P. O. BOX EE
Cortez, CO. 81321
June 30, 1987

Mr. Gil Hunt
UIC Manager
State of Utah Natural Resources
355 W. North Temple Suite 350
Salt Lake City, Utah 84180

Dear Mr. Hunt,

In response to your attached letter dated June 12, 1987, Texaco is aware that some of our injection wells at our Aneth Unit and our Ismay Flodine Park Unit have revealed probable tubing and/or packer leaks. Texaco does not feel that casing leaks have developed since the casing and tubing pressure are the same. The casing pressure would be substantially less if a casing leak were present.

Texaco is presently attempting to perform 3 to 4 UIC repairs per month depending on manpower and budget. A well with a suspected casing leak is immediately shut in to prevent any possible environmental contamination. Our plans for the remainder of 1987 are to continue to repair several wells per month until all wells experiencing annulus pressure are repaired. Please note that Aneth Unit F222, H222 and H410 were worked on and repaired in June 1987. The IFPU V220 should be corrected to U220.

Texaco realizes the importance of maintaining the integrity of our injection wells. We will continue to work toward eliminating all wells with mechanical problems and attempt to identify on going failures in a timely manner. Texaco appreciates your cooperation regarding this matter and will continue to work closely with your department in correcting any inadequacies.

Please contact the Cortez office if you have any question regarding this matter.

Sincerely,

Alan A. Kleier

Attachment

cc: LAA
file



TEXACO

FAX TRANSMITTAL COVER SHEET

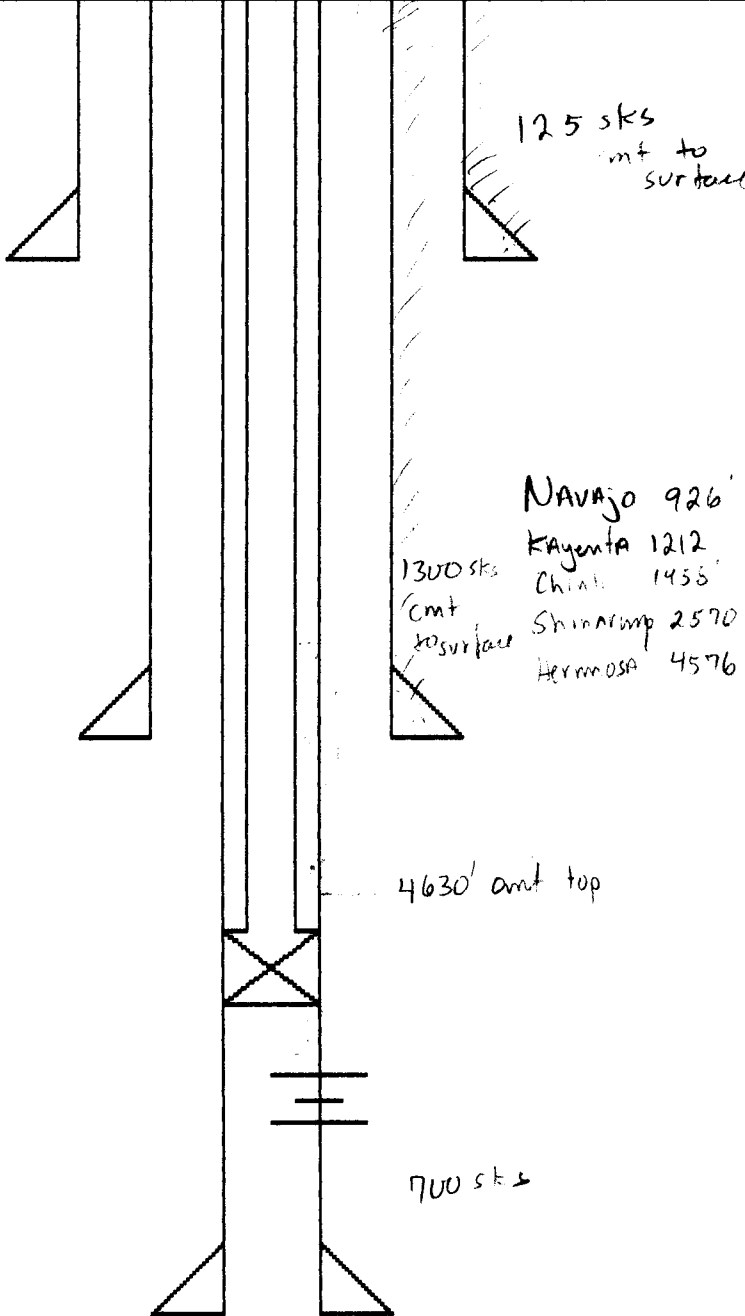
NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCEDATE: 4-5-90 ☒ URGENT ☐ ROUTINE NO. OF PAGES C+3MESSAGE TO: Gil HuntTELEPHONE NO. (801) 538-5340 FAX MACHINE NO. 801-359-3940

DEPT./DIV./SUBS. _____

LOCATION Salt Lake, Utah ROOM NO. _____MESSAGE FROM: Alan A. Kleier / JDPTELEPHONE NO. (505) 325-4397 FAX MACHINE NO. _____

DEPT./DIV./SUBS. _____

LOCATION Farmington, N. Mex. ROOM NO. _____SENDING DEPT. APPROVAL _____ TIME TRANSMITTED 3:50 P☐ RETURN ORIGINAL VIA INTER-OFFICE MAIL☐ RETURN ORIGINAL CALL SENDER TO PICK UPADDITIONAL COMMENTS:

WELL U-220	OPERATOR TEXACO	LOCATION 20-40S-26E
COMMENTS		COUNTY SAN JUAN
<div><p>125 sks amt to surface</p><p>13 3/8 @ 102'</p><p>NAVAJO 926' KAYENTA 1212' Chinle 1455' Shinarump 2570' Hermosa 4576'</p><p>1300 sks amt to surface</p><p>8 5/8 @ 1504' 2 3/8 TUBING PACKER AT 5541'</p><p>4630' amt top</p><p>700 sks</p><p>5 1/2 @ 5676' PERFS AT 5568-5680</p></div>		

Form OGCC-1b

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well		5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-9124
2. NAME OF OPERATOR Texaco Inc. (505) 325-4397		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR 3300 N. Butler Farmington, NM 87401		7. UNIT AGREEMENT NAME Isamy Flodine Park
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL and 2040' FEL		8. FARM OR LEASE NAME
14. PERMIT NO. 43-037-110465	15. ELEVATIONS (Show whether OF, BT, OR, etc.) 4966' DF	9. WELL NO. U220
		10. FIELD AND POOL, OR WILDCAT Isamy
		11. SEC., T., R., M., OR ALK. AND SURVEY OR AREA Sec 20 T40S-R26E
		12. COUNTY OR PARISH 13. STATE San Juan Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco Inc. performed the following workover to insure sufficient water disposal to prevent oil production loss:

1. MIRU pump truck. Pumped 3000 gal 15% NEFe.
2. SI 1 hour.
3. Back flowed well to recover load. Placed on injection.

Your consideration and approval would be appreciated.

OIL AND GAS	
DRN	RJF
JRB	GUH
DTS	SLS
TAS	

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 4-9-90

By: *[Signature]*

18. I hereby certify that the foregoing is true and correct

SIGNED

Alan A. Klein

Area Manager

DATE 4-5-90

(This space for Federal or State office use)

FILE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

BLM-Farm(6), UOGCC(5), Navajo Tribe, RSL, AAK
Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED

MAY 28 1991

Well name and number: _____		See Attached Listing	DIVISION OF OIL GAS & MINING
Field or Unit name: _____		API no. _____	
Well location: QQ _____ section _____ township _____ range _____ county _____			
Effective Date of Transfer: <u>6-1-91</u>			
CURRENT OPERATOR			
Transfer approved by:			
Name	<u>R. S. Lane</u>	Company	<u>Texaco Inc.</u>
Signature	<u><i>R. S. Lane</i></u>	Address	<u>P. O. Box 3109</u>
Title	<u>Attorney-in-Fact</u>		<u>Midland, TX 79702</u>
Date	_____	Phone (915)	<u>688-4100</u>
Comments: Correspondence Address: <u>Texaco Inc.</u> <u>3300 North Butler</u> <u>Farmington, NM 87401</u> <u>(505) 325-4397</u>			
NEW OPERATOR			
Transfer approved by:			
Name	<u>R. S. Lane</u>	Company	<u>Texaco Exploration and Production Inc.</u>
Signature	<u><i>R. S. Lane</i></u>	Address	<u>P. O. Box 3109</u>
Title	<u>Attorney-in-Fact</u>		<u>Midland, TX 79702</u>
Date	_____	Phone (915)	<u>688-4100</u>
Comments: Correspondence Address: <u>Texaco Exploration and Production Inc.</u> <u>3300 North Butler</u> <u>Farmington, NM 87401</u> <u>(505) 325-4397</u>			
(State use only)			
Transfer approved by <u><i>Gilbert</i></u>		Title <u><i>UIC Manager</i></u>	
Approval Date <u>6-26-91</u>			



Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

May 22, 1991

RECEIVED

MAY 28 1991

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas, and Mining
Attn: Ms. Lisha Romero
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

This is to advise that as a part of a reorganization of Texaco Inc., a Delaware corporation, the name of Texaco Producing Inc., a Delaware corporation and wholly owned subsidiary of Texaco Inc., has been changed to Texaco Exploration and Production Inc. Further, Texaco Exploration and Production Inc. will succeed to the rights, titles, interests and obligations of Texaco Inc.

This means that Texaco Exploration and Production Inc. will be the operator for all the oil and gas properties that were operated by Texaco Inc. and Texaco Producing Inc. We plan to abbreviate the name as Texaco E & P Inc. for purposes of submitting production reports, etc., via computer, and we suggest that for consistency you use that abbreviation also.

We have enclosed a Sundry Notice with a list of the wells which Texaco operates in Utah. Also attached is UIC Form 5 for transfer of injection authority. Please note that Texaco has two Divisions which operate wells in Utah. One is located in Denver, Colorado, and the other is in Midland, Texas. We have enclosed separate Sundry Notices and lists of wells for each Division. If you have questions concerning the Denver-operated wells, please call Roger Hadley at (303) 793-4833. If you have questions concerning the Midland-operated wells, please call Ken Miller at (915) 688-4834.

Please change any of your other records as necessary to reflect this change.

Yours very truly,

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number
2. Name of Operator Texaco Exploration and Production Inc.		7. Indian Allottee or Tribe Name
3. Address of Operator 3300 North Butler, Farmington, NM 87401		8. Unit or Communitization Agreement
4. Telephone Number (505) 325-4397		9. Well Name and Number
5. Location of Well Footage : QQ, Sec. T., R., M. : See Attached		10. API Well Number
County : State : UTAH		11. Field and Pool, or Wildcat

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Transfer of Plugging Bond</u></td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Transfer of Plugging Bond</u>		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Change of Operator/Operator Name</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator/Operator Name</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input checked="" type="checkbox"/> Other <u>Change of Operator/Operator Name</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This submittal is for a change of operator (name change) for all of the attached wells. The new operator, Texaco Exploration and Production Inc., hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Department for proper plugging and surface restoration of the attached wells. All contact personnel, office addresses and phone numbers will remain the same.

FORMER OPERATOR: TEXACO INC.

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: *[Signature]*
Attorney-in-Fact

SIGNED: *[Signature]*
Assistant Division Manager

DATE: _____

DATE: _____

14. I hereby certify that the foregoing is true and correct

Name & Signature _____ Title Asst. Div. Manager Date _____
(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE
(Instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Texaco Exploration and Production Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 46510, Denver, CO 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
5. PERMIT NO.		9. WELL NO.
6. ELEVATIONS (Show whether of, ft, or, etc.)		10. FIELD AND POOL, OR WILDCAT
7. DIVISION OF OIL GAS & MINING		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
8. COUNTY OR PARISH		12. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Transfer of Plugging Bond <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Transfer of Owner/Operator <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco Inc. has assigned all its ownership rights in the subject well. As of January 1, 1991, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator:

TEXACO INC.

Signed:

Attorney-In-Fact
for Texaco Inc.

Date:

3/1/91

New Operator:

Texaco Exploration and Production Inc.

Signed:

Title: Division Manager

Date:

3/1/91

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Manager

DATE

3/1/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DATE: 05/02/91

W E L L S B Y O P E R A T O R

PAGE: 95

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME
NO980	TEXACO INC	365	GREATER ANETH	S400	E240	14	NESE	4303731381	DSCR	WIW	7000	ANETH UNIT H314X
				S400	E240	18	NWSW	4303731385	DSCR	POW	7000	ANETH UNIT E218SE
				S400	E240	7	SESW	4303731384		LA	99998	ANETH UNIT E407SE
				S400	E230	13	NESE	4303731383	DSCR	POW	7000	ANETH UNIT D213SE
				S400	E230	13	SENE	4303731382	DSCR	POW	7000	ANETH UNIT D-113SE
				S400	E240	7	SWSW	4303731386	DSCR	POW	7000	ANETH UNIT E407SW
				S400	E240	15	SESW	4303731398	DSCR	POW	7000	ANETH UNIT F415
				S400	E240	15	SENW	4303731397	IS-DC	POW	7000	ANETH UNIT F215
				S400	E240	15	NWNW	4303731396	IS-DC	POW	7000	ANETH UNIT E115
				S400	E240	15	NWSE	4303731408	DSCR	POW	7000	ANETH UNIT G315X
				S400	E240	16	NENE	4303731409	IS-DC	POW	7000	ANETH UNIT H116
				S400	E240	21	NWNE	4303716093	IS-DC	PA	99998	NAVAJO TRIBE D-5X (ANETH
				S400	E250	19	SESW	4303716136	DSCR	PA	99998	NAVAJO F-15 (ANETH K-419)
				S400	E230	11	SWSE	4303716034	DSCR	WIW	99996	MESA 1 (ANETH C411)
				S400	E240	21	SWNE	4303730516	ISMY	POW	7000	ANETH U G221X
				1	WILDCAT	S140	E090	19	C-SE	4300730117	FRSD	TA
		405	MCELMO MESA	S410	E260	4	NESW	4303720048	DSCR	PA	99998	NAVAJO TRIBE "AC" #8
				S410	E260	4	SWNE	4303720077		PA	99998	NAVAJO TRIBE "AC" #9
				S410	E260	4	SWSW	4303720099	ISMY	PA	99998	NAVAJO TRIBE "AC" #11
				S410	E260	4	SWSE	4303720162	ISMY	PA	99998	NAVAJO TRIBE "AC" #12
		1	WILDCAT	S140	E080	33	SENE	4300730118	FRSD	PA	10922	STATE OF UTAH 'S' #1
		365	GREATER ANETH	S400	E240	23	NWSW	4303716068	IS-DC	WIW	99990	NAVAJO TRIBE C-12 (ANETH
				S400	E240	7	SWNE	4303716308	IS-DC	PA	99996	GULF-FED 6 ANETH G207
		1	WILDCAT	S400	E240	17	NWSW	4303716062	DSCR	WIW	99996	NAVAJO TRIBAL G-7 (ANETH
				S430	E210	19	NENW	4303711253	LDLL	PA	99998	NAVAJO TRIBE "AE" #1
				S430	E210	19	NENW	4303711253	PENN	PA	99998	NAVAJO TRIBE "AE" #1
		365	GREATER ANETH	S430	E210	19	NENW	4303711253	DVNN	PA	99998	NAVAJO TRIBE "AE" #1
				S400	E240	17	NWNW	4303716049	DSCR	WIW	99996	ANETH UNIT E-117
		400	ISMAY	S400	E240	14	NESE	4303716321	PRDX	PA	99998	NAVAJO A-3/43-14 (ANETH H
				S400	E250	29	SENW	4303716334	DSCR	PA	99996	NAVAJO F-14
		1	WILDCAT	NO20	E120	11	SESW	4304330292		PA	10953	STEEL CREEK NO. 1
				S400	E260	20	NESE	4303716193	ISMY	PA	99998	NAVAJO TRIBE J-3 (V-320)
		380	ISMAY	S400	E260	22	NESW	4303716179	ISMY	WIW	99990	NAVAJO J-21 (T-322)
				S400	E260	34	NENW	4303716178	ISMY	WIW	99990	NAV TR "AC" #1 ISMY FLODI
		400	ISMAY	S400	E260	20	NENW	4303716459	ISMY	PA	99998	NAVAJO TRIBE J-8 (T-120)
				S400	E260	20	SWNE	4303716465	ISMY	WIW	99990	NAVAJO TRIBE J-9 (U-220)
		365	GREATER ANETH	S400	E230	14	SWNE	4303716033	PRDX	WIW	99990	ARROWHEAD #3 (ANETH C-214
				S400	E230	14	NESW	4303716273	PRDX	WIW	99990	ARROWHEAD 2 (ANETH B-314)
				S400	E230	14	SWSE	4303716035	PRDX	WIW	99990	ARROWHEAD 5 (ANETH C-414)
				S400	E230	14	NENE	4303716277	PRDX	WIW	99990	ARROWHEAD 1 (ANETH D-114)
S400	E230			14	NESE	4303716038	PRDX	WIW	99990	ARROWHEAD #4 (ANETH D-314)		
S400	E230			23	SWNE	4303716276	PRDX	WIW	99990	A.W. RICE 3 (ANETH C-223)		
S400	E230			23	NENW	4303716271	PRDX	WIW	99990	A.W. RICE 2 (ANETH B-123)		
S400	E230			24	NWNW	4303716270	PRDX	WIW	99990	FEDERAL A-1 (ANETH A-124)		
S400	E230			24	NWNE	4303716275	PRDX	WIW	99990	FEDERAL 1 (ANETH C-124)		
S400	E240			24	SESW	4303716087	PRDX	WIW	99990	NAVAJO TRIBE C-13 (ANETH		
S400	E240			7	SENW	4303715414	PRDX	WIW	99990	GULF-AZTEC FED. 4 (ANETH		

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR/GIL	✓
2- DTS	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- LCR	✓

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

(TEXACO EXPLORATION AND PRODUCTION INC.)

TO (new operator) TEXACO E & P INC.
(address) 3300 NORTH BUTLER
FARMINGTON, NM 87401
BRENT HELQUIST
phone (505) 325-4397
account no. N 5700 (6-5-91)

FROM (former operator) TEXACO INC.
(address) 3300 NORTH BUTLER
FARMINGTON, NM 87401
FRANK
phone (505) 325-4397
account no. N 0980

Well(s) (attach additional page if needed):

Name: <u>(SEE ATTACHED)</u>	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: #114097.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above. (will update when filing)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #K0290791-4 80,000-Ins. Co. of N. America rec. 2-11-91.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____. #M157448 80,000-Ins. Co. of N. America

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. 6-27-91

INDEXING

1. All attachments to this form have been microfilmed. Date: July 15 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

- 910606 Btm/Farmington N.M. - Duane Spencer (505) 327-5344 will follow up & call back.
- 910607 Btm/Farmington - Approved 4-2-91 "Company Merger" Includes Anuth Unit and Ismay Flodine Unit.
- 910607 St. Lands approved 4-15-91 "merger".

RECEIVED

SEP 03 1991

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTDIVISION OF
OIL GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

I-149-IND-9124

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

Izmay Flodine Park Unit

8. Well Name and No.

U220

9. API Well No.

4303716465002

10. Field and Pool, or Exploratory Area

Izmay

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **Injection well**

2. Name of Operator

Texaco Exp. and Prod Inc.

3. Address and Telephone No.

3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL & 2040 FEL Section 20-T40S-R26E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☒
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other _____

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco proposes the following procedure for identifying and repairing a suspected casing leak in the subject well:

1. MIRUPU. Set a cement retainer at 5540' to isolate perforations. TOOH.
2. TIH w/ packer and isolate casing leak. TOOH.
3. TIH open ended and spot cement across bad casing. Squeeze cement with the hesitation method.
4. Drill out cement and pressure test casing. Resqueeze if necessary.
5. Drill out cement retainer. TOOH. Run injection tubing and packer.

This procedure is tentative and may change if the condition of the well warrants. All applicable BLM and EPA rules and regulations will be followed.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 9-3-91

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

Title

Area Manager

Date

9-3-91

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: **Federal Approval of this
Action is Necessary**

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BLM - Farmington (5), UOGCC (3), Navajo Tribe (1), EPA, TAT

JLB

Ismay Flodine Park Unit U220

Formation tops:

Navajo 710'

Chinlee 1310'

DeChelly 2340'

Hermosa 4350'

Ismay 5502'

Perforations:

5568' - 82'

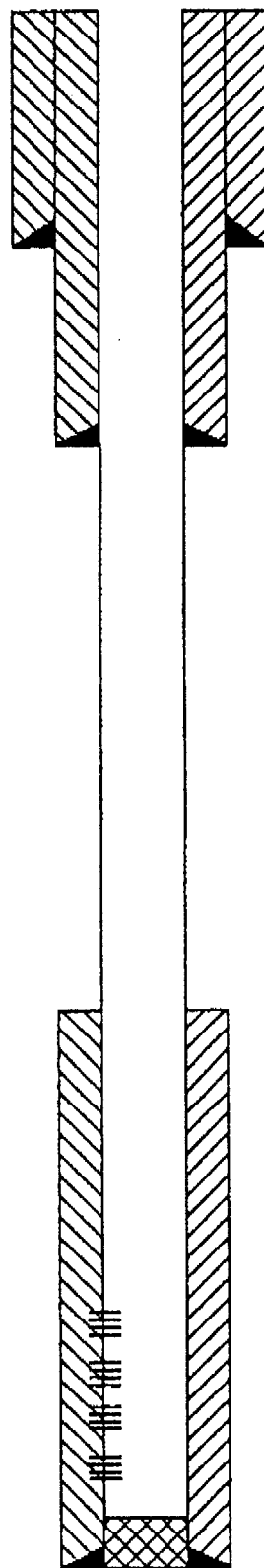
5594' - 5600'

5619' - 22'

5630' - 36'

5640' - 44'

5650' - 60'



13 3/8" 48# Casing
Set @ 102'
Cemented w/ 125 sxs.
Cement circulated

8 5/8" 24# Casing
Set @ 1504'
Cemented w/ 1300 sxs.
Cement circulated

5 1/2" 14 & 15.5 Casing
Set @ 5676'
Cemented w/ 200 sxs.
In 7 7/8" hole

Cement top @ 4630'

PBTD @ 5661'

TD @ 5677'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **Injection well**

2. Name of Operator
Texaco Exp. and Prod Inc.

3. Address and Telephone No.
3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FNL & 2040 FEL Section 20-T40S-R26E

RECEIVED
SEP 06 1991

DIVISION OF
OIL GAS & MINING

5. Lease Designation and Serial No.

I-149-IND-9124

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

Ismay Flodine Park Unit

8. Well Name and No.

U220

9. API Well No.

4303716465002

10. Field and Pool, or Exploratory Area

Ismay

11. County or Parish, State

San Juan, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☒ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco proposes the following procedure for identifying and repairing a suspected casing leak in the subject well:

1. MIRUPU. Set a cement retainer at 5540' to isolate perforations. TOO H.
2. TIH w/ packer and isolate casing leak. TOO H.
3. TIH open ended and spot cement across bad casing. Squeeze cement with the hesitation method.
4. Drill out cement and pressure test casing. Resqueeze if necessary.
5. Drill out cement retainer. TOO H. Run injection tubing and packer.

This procedure is tentative and may change if the condition of the well warrants. All applicable BLM and EPA rules and regulations will be followed.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 9-16-91

14. I hereby certify that the foregoing is true and correct

Signed

J. A. J.

Title

Area Manager

By: [Signature]

Date: 9-3-91

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval, if any: Action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Ismay Flodine Park Unit U220

Formation tops:

Navajo 710'

Chinlee 1310'

DeChelly 2340'

Hermosa 4350'

Ismay 5502'

*Subject Well
IFPU #11220
has been approved
via fax on
9/3/91.*

Perforations:

5568' - 82'

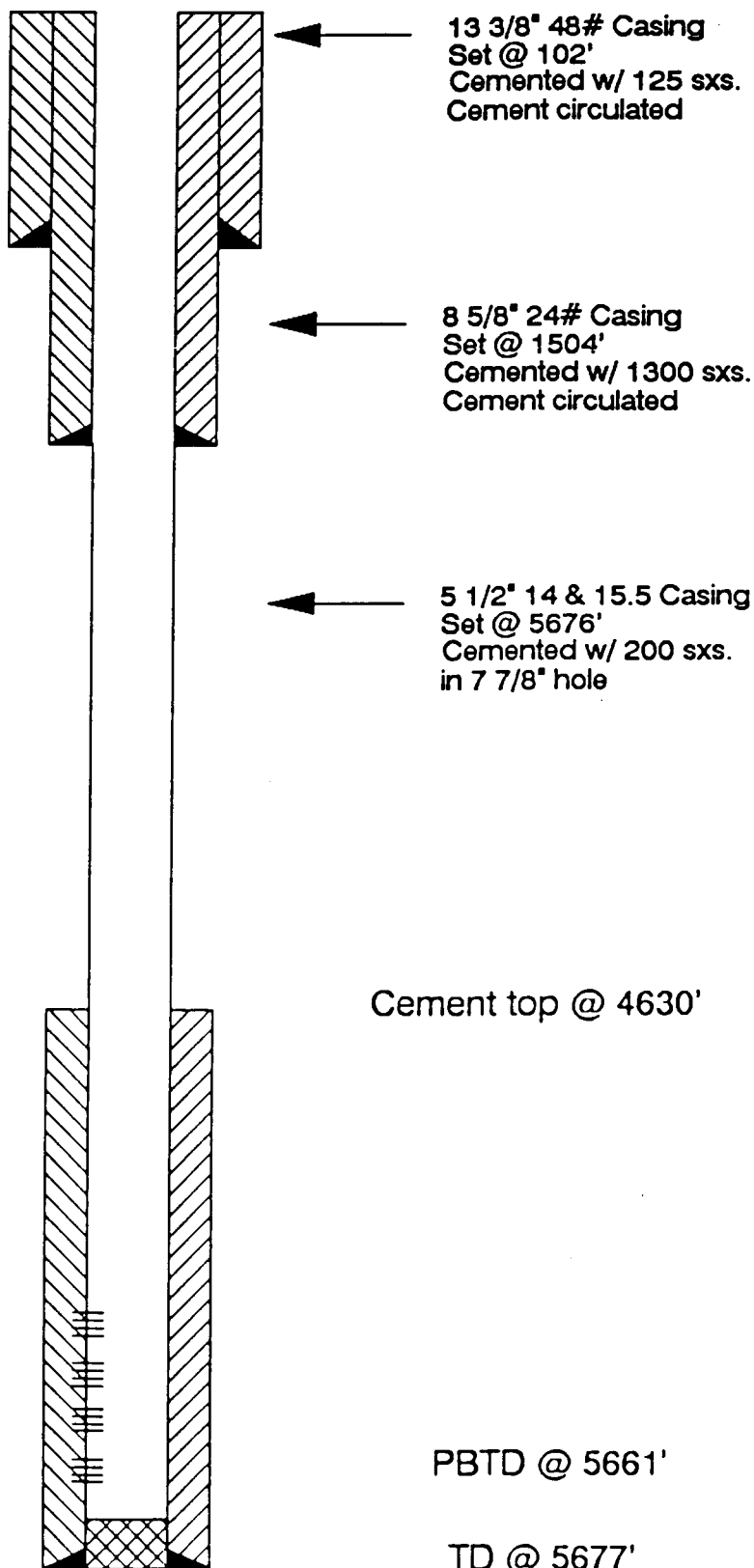
5594' - 5600'

5619' - 22'

5630' - 36'

5640' - 44'

5650' - 60'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

I-149-IND-9124

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

Ismay Flodine Park Unit

8. Well Name and No.

U220

9. API Well No.

4303716465002

10. Field and Pool, or Exploratory Area

Ismay

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

Injection well

2. Name of Operator

Texaco Exp. and Prod Inc.

3. Address and Telephone No.

3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL & 2040 FEL Section 20-T40S-R26E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

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☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9/10/91 - MIRUPU. Set cement retainer at 5540' to isolate perforations. TIH w/ packer and isolate casing leaks at 3500' and surface. RDMOL.

RECEIVED

OCT 18 1991

**DIVISION OF
OIL GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Area Manager

Date

10/11/91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

W1W1

2. Name of Operator

Texaco Exploration and Production Inc.

3. Address and Telephone No.

3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

~~660 FSL & 660 FWL Section 17 T40N R26E~~
1980 FNL & 2040 FEL Sec 20-40S-26E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

I-149-IND-9124

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

Ismay-Flodine Park Unit

8. Well Name and No.

U220

9. API Well No.

43037 164650002

10. Field and Pool, or Exploratory Area

Ismay

11. County or Parish, State

San Juan, Utah

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TYPE OF SUBMISSION

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☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
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☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco proposes to plug and abandon the subject well. See attached procedure and wellbore diagrams for pertinent details. Tentative start date is December 1, 1991.

ACCEPTED
OCT 23 1991
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

Area Manager

Date

10/17/91

(This space for Federal or State office use)

Approved by

Title

Date

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FNL & 2040 FEL Section 20-T40S-R26E

5. Lease Designation and Serial No.
I-149-IND-9124

6. If Indian, Allottee or Tribe Name
Navajo

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Ismay Flodine Park Unit

8. Well Name and No.
U220

9. API Well No.
4303716465002

10. Field and Pool, or Exploratory Area
Ismay

11. County or Parish, State
San Juan, Utah

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TYPE OF ACTION

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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12/26/91 - MIRUPU. TIH and stung into cement retainer at 5400'. RU Dowell and established rate and pressure of 2.0 BPM @ 1400#. Pumped 13 bbls of cement below retainer and spotted 50' of cement on top of the retainer. Reversed out excess and spotted 15 bbls of 10 ppg mud to 4685'. Rolled hole from 4685' to surface until clean. Spotted 5 bbls of cement from 4685' to 4485' (50% excess). WOC. Tagged cement top at 4630'. Respotted 5 bbls of cement. WOC. Tagged cement top at 4370'. Spotted 30 bbls of mud to 2805'. Spotted 5 bbls of cement from 2805' to 2605' (50% excess). WOC. Tagged cement top at 2572'. Spotted 23 bbls of mud to 1605'. RU perforators and shot 4 squeeze hole at 1605'. TIH w/ packer and established rate and pressure of 3.0 BPM @ 300#. Circulate hole clean. TOOH. TIH w/ cement retainer and set at 1505'. Pumped 71 bbls of cement to surface and spotted 50' of cement on top of retainer. Spotted 33 bbls of mud to surface. TOOH. NDBOP's. Ran two joints into the hole. Pumped cement to surface. TOOH. Filled hole with cement. RDMOL.

14. I hereby certify that the foregoing is true and correct

Signed

Title **Area Manager**

Date **1-6-92**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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*See Instruction on Reverse Side

BLM - Farmington (5), UOGCC (3), Navajo Tribe (1), EPA, TAT

JLB